10-23
May, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Yellowstone NATIONAL PARK

FILE NO. 143

MONTHLY REPORTS

November, 1930

NOVEMBER 1930

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE, 1929 6—7410

Edwards

December 3, 1930.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Following is the report of the activities of the Yellowstone National Park for the month of November, 1930.

000 - General

The Yellowstone was blessed with unusually fine weather during the first twelve days of November, the real Indian Summer type, and all of the park roads were free of snow. However, on the night of the 12th a snow storm started and before it was over about fourteen inches was recorded and all of the passes were blocked. The road contractors and Government road crews hurriedly made arrangements to move out, and within three days all crews were out of the park. The graders on their run into Mammoth opened up some of the roads so that it was possible to drive a car from Mammoth to Old Faithful and West Yellowstone until well into the end of the month, but some bad drifts were to be encountered in Golden Gate and along Swan Lake Flats. Following the storm around the middle of the month some more fine weather set in. On the 22nd the road from Mammoth to the Buffalo Ranch was graded out to allow for hauling buffalo and cotton seed cake between Gardiner and the Buffalo Ranch. The road remained in fine condition until after the close of the month, - no additional snow having fallen, and there was little wind to do any damage. On November 29 Assistant Chief Ranger Ogston drove from the Lake to Mammoth and returned the same day. It was necessary to do considerable shoveling for two or three days prior to the trip, especially between Canyon and Lake. It is not believed that it will be possible for any other cars to drive to the Lake this year.

Superintendent Toll remained at his winter headquarters in Denver during the month looking after work in connection with the proposed parks and monuments. Assistant to the Superintendent Jeffs returned from his leave on the 6th and Assistant Superintendent Edwards departed on his leave on the evening of the 24th to be gone until about the first of January.

[illegible] 4, 1960.

The Secretary,
National Film Board,
Ottawa, Ont.

Dear Sir, [illegible]

Following is the report of the activities of the Toronto Chapter [illegible] for the month of December, 1960.

[illegible] Showcase

The Toronto [illegible] [illegible] [illegible]

Clerk Margaret Cabin was away from the Park headquarters during the month; part of her time was spent on leave and the balance in helping Superintendent Toll in Denver in the preparation of his report on inspection of proposed parks and monuments.

100 - Administration

Work in all departments is current. Leave periods have been arranged so as to get the utmost efficiency from the organization. Quite a few employees obtained their leave in October and November which will allow others to take theirs in December, which is the month most employees desire their leave so as to visit their homes over the holidays.

120 - Park Inspections By:

121 - Acting Superintendent

While Mr. Edwards was Acting Superintendent he made several trips into the interior of the park, so long as the roads were open, looking over various projects, and in company with Chief Ranger Baggley made a horseback trip from Soda Butte down the east line to the Thorofare country. Operations around Mammoth were inspected regularly. On November 16 Mr. Edwards left for Billings with Mr. Bush to attend the Dude Ranchers' Association meeting and returned on the 20th. Chief Ranger Baggley also attended the meeting, coming to Billings from Cheyenne where he had been summoned to appear in a liquor case.

Acting Superintendent Jeffe made one trip to the Tower Falls road as far as Crescent Hill in connection with the opening of this road for hauling buffalo and cotton seed cake, and one trip was made to the Buffalo Ranch. Regular inspections of work in progress around headquarters were also made.

130 - Circulars, Bulletins, etc.

Copies of circulars issued during the month and the October Nature Notes are attached hereto.

200 - Maintenance, Improvements and New Construction

Following is a brief report of activities under the supervision of the Engineering Department for the month of November:

Project 802, Maintenance. Work under this activity consisted of heavy maintenance and snow removal.

The two steel bridges across the Gardiner River between Gardiner and Mammoth required extensive repairs. Double decking was laid on the lower bridge and single decking on the upper one, and the abutments and approaches of both bridges were repaired.

[illegible] Development [illegible] was [illegible] [illegible] the [illegible] [illegible] [illegible]

The heavy snow fall during the early part of the month made it necessary to clear snow between Mammoth and Beaver Lake in order for the trucks to bring in our last crews from the field. The road between Mammoth and the Buffalo Ranch was also cleared of snow to permit hauling of feed cake and buffalo shipments by truck.

Project 502. Mammoth-Norris. Stormy weather, snow, and frost conditions forced the closing down of this project. Work for the period consisted of 1500 yards of solid rock excavation with the gas shovel, 100 yards solid rock excavation by hand labor, and 0.4 of an acre of clearing and grubbing. The last construction work was on November 13 and the crew was disbanded on November 14. About 2000 feet of construction remains to be completed in the Spring.

Project 426. Mammoth Water System. All work on this project closed down for the season on the last day of the month. The new diversion dam and 3000 feet of trench have been completed. Practically all of the pipe for the new line has been hauled to the job and laying and welding of this will begin as soon as weather conditions permit in the Spring.

Project 530.2. Norris-Madison Cleanup. The crew working on this project was disbanded on November 17, having completed all the piling of debris and about 40% of the burning. Continued heavy snowfall was making the road to headquarters almost impassable for traffic and it was considered advisable to leave the rest of the burning for early Spring.

Project 532. East Entrance-Lake Butte, and 529.1 - Artist Point Cleanup. Work on both these projects is completed except for a negligible amount of touching up in the Spring. Snow depths were too great to permit finishing the work satisfactorily this season.

250 - Improvements

Carpenter Shop: The following work was done by the Master Carpenter and his assistants during the month: An old cool shed was remodeled to provide 6 more garages. New roofing was put on and several windows added, also cut some doors and repaired foundation. The old bowling alley was partitioned off and one room is now used as a paint shop. Considerable work was done in the garage building, such as building walls in truck shed to provide a room for cleaning trucks, ceiling up outside walls of building with shiplap and deadening felt, and enlarging 3 windows. Other work consisted of minor repairs to quarters, and laying new linoleum at Soda Butte Station.

Plumbing & Sanitation Department: A crew of men under the Master Plumber were engaged in excavating a trench for the new water line from Glen Creek to Mammoth, and in building an intake dam, and when all pipe had been received for this new water line welders from the Hardesty Manufacturing Company came to the park for the purpose of laying this pipe, but unfavorable weather drove them out again after being here only one day and therefore they did not accomplish what they came here to do. A wash rack was built in one of our storage garages for washing cars, and water was piped in, and a sewer was installed to take care of sewage. A new water line was put in to the Museum workshop. Other work consisted of maintaining water and sewer systems.

impassable

Electrical Department: The following work was done by the Electrical Department during the month of November: Changed all park telephone lines from metallic to grounded circuits for winter service; built about 3/4 mile of telephone line from Crevice line to the Deckard Ranch and installed a phone in the cabin for game protection along the north boundary; wired several quarters and new garages for electric lights; and put into service the new 25 pr. cable to Superintendent's office.

Paint Shop: The Master Painter and assistants were engaged in painting and sanding floors in quarters at Mammoth, repairing and putting up storm sash on all quarters and finishing work at Tower Falls Ranger Station. In addition several days were spent in putting out new metal signs.

300 - Activities of Other Agencies in the Park

Mr. George Whittaker operated his store at Mammoth Hot Springs to accommodate the local residents.

400 - Flora, Fauna and Natural Phenomena

410 - Ranger, naturalist and guide service

Protection Department activities for the month consisted mainly of foot and mounted patrols for the observation and protection of wild life, and prevention of trespass by hunters on park land. All hunting areas on lands adjacent to the park are closed to hunting, with the exception of those on the north side where hunting of elk will be permitted until December 30th. The section adjoining the Lochler River District will be open from December 1 to 15, inclusive, and due to the snow and cold weather it is anticipated that a large kill will be made in this territory as compared with former years. On November 22 several of the rangers were on duty at the Buffalo Ranch for the rounding up of the buffalo which are to be slaughtered and 16 head which were shipped on November 28th.

The headquarters camp for men patrolling the north boundary line was established on the so-called Deckard Ranch on November 29th. This ranch is very centrally located and will, no doubt, prove to be of great benefit in the protection of elk which leave the park on the east side of the Yellowstone River. The Park Service will have 3 men on duty, State of Montana will have 2 men and the Forest Service will have 1 man on duty under a cooperative game patrol arrangement at this point.

Chief Ranger Baggley, Assistant Chief Ranger Miller and Park Ranger Greer were subpoenaed to appear before the Grand Jury at Cheyenne, Wyoming, on November 11. They left Yellowstone on November 9. Miller and Greer returned on the 16th, while the Chief Ranger stopped off at Billings, Montana, to attend the Dude Ranchers' Annual Convention, which was held there on the 17th, 18th and 19th. Mr. Baggley returned to headquarters on the 20th.

[illegible]

[illegible]

[illegible]

Chief Ranger Baggley, accompanied by Acting Superintendent Edwards, left headquarters on November 3 for an extended pack trip to the Thorofare and Upper Yellowstone country by way of the Lamar River, driving by auto from Mammoth to Soda Butte Ranger Station where they took horses to Thorofare and return to Lake Ranger Station. From Lake to Mammoth the trip was made by automobile and headquarters reached on the night of November 7.

Outlines for the study of animals in Yellowstone Park have been prepared and sent out to the various ranger stations throughout the park. It is intended that this study be carried on over a period of several years and the same subject will be assigned to the same station each winter. A great deal of interesting information through a line of study of this type should be forthcoming. The following table will give the stations and their assignments:

Lake and Snake River	Otter
Thorofare	Elk, Deer, Moose
Tower Falls	Beaver
Blacktail	Deer killed by coyotes
Gardiner	Antelope, sheep
Hellroaring	Coyotes
Riverside	Waterfowl
Bechler River	Moose
Sylvan Pass	Elk outside park.
Slough Creek, Upper & Lower.	Elk on feed grounds.
Mammoth	Deer

450 Museum Service (follows Buffalo & Other Bandies, page 8.)

460 - Birds

During the month thousands of ducks were reported seen on the marshes and streams in the southern district, species including Bluebills, Golden Eye, Merganser, Teal, Mallard, Black and many Grebe. Other waterfowl in this district reported seen by rangers are 143 swans and 463 geese. A few gulls were also seen on the Yellowstone River and Lake. There are also a large number of Bald Eagles in the vicinity of Yellowstone Lake and they, as usual, are taking their toll of ducks. On November 18, 90 geese were counted on the Firehole River. During the latter part of the month 200 ducks were counted on the Madison River below the Riverside Ranger Station.

470 - Animals

Game animals, due to the snowstorm on the 13th, started their drift to the winter feed grounds, large numbers being seen and counted over the entire northern portion of the park. At the present time the animals are at about the same altitude as last year but they came down about two weeks earlier than usual, and in such large numbers that they have already eaten practically all the forage at this altitude, and will soon be on the move again to points outside of the park where forage conditions are better.

[illegible] Dwayne Tomlinson, accompanied by Jerome Hogendoornbeek [illegible], left Washington on December 2 for an extended visit with his [illegible] Clare and Upper Tulipbrook vicinity, by way of the Lower Litter, [illegible] by Mr. John Thomas of the Tulipbrook Hunger Coalition [illegible] Tomlinson to Tulipbrook and return to Lower Litter. From Lower Litter [illegible] Tomlinson will return to Washington [illegible]. Mr. Tomlinson [illegible] the city's [illegible] and unemployment [illegible] on the [illegible] of Tulipbrook?

Beginning [illegible] this study of [illegible] in Tulipbrook [illegible] been [illegible] and [illegible] to the [illegible] through discussion [illegible] the study. It is intended that [illegible] study be [illegible] as [illegible] a period of several years [illegible] the [illegible] will be assigned to the [illegible] which [illegible] [illegible] [illegible] of [illegible] information [illegible] a [illegible] of study of this [illegible] should be performed. The following [illegible] will give the [illegible] and [illegible] [illegible]

Lion and Lamb Diner	[illegible]
Tomlinson	[illegible], Inc., [illegible]
Inner Cities	Service
[illegible]	[illegible] Office of [illegible]
Barber	[illegible], [illegible]
Bibendum	[illegible]
[illegible]	[illegible]
Shelter River	[illegible]
Spring Tree	[illegible]
[illegible] Jewel, Tower & Lamp	[illegible]
[illegible]	[illegible]

[illegible] Jerome [illegible] (Tulipbrook Tribune & Other Dailies, [illegible] 8.)

[illegible] - [illegible]

[illegible] this month [illegible] of [illegible] water [illegible] [illegible] on the [illegible] and [illegible] in the [illegible], [illegible] the [illegible] [illegible], [illegible] [illegible], [illegible], [illegible], [illegible] [illegible] [illegible]

From all indications it will be necessary to begin feeding game animals earlier than last year.

Elk: The usual number of elk are wintering in the Riverside district, approximately 400 in the Gallatin district; about 100 in the Lake district. Since the 22nd of the month elk have been drifting out of the north side of the park into open hunting territory in herds ranging from 10 to 300 in number. No attempt has been made to count the northern elk herd this fall but counts for several of the ranger districts along the north side are as follows:

Hellroaring 3000; Crevice, very few; Slough Creek 1000; near Specimen Ridge 750.

On November 29 approximately 150 elk were seen on the outside of the park near Beckard's Ranch but due to shots being fired before the opening hour these elk were able to return back into the park without being shot at. Most of the elk killed to date this year have been killed on the West side of the Yellowstone River, while last year practically all were killed on the east side. The open territory between the Game Preservation Ranch and the Game Preserve is proving to be a real slaughtering ground.

During the month William Rush, game investigator in the park, analyzed one of the elk antlers and found that it contained about 43% protein. It is to be noted that the 40 tons of cottonseed cake which was bought by the Park Service for feeding the buffalo this fall contains 43% protein.

The following table gives the number of game animals killed in open hunting territory on the outside of the park boundary:

	Elk	Bear	Moose	Lynx	Sheep	Antelope
North Line	*105	°23	/2	5		**9
Crevice		3				
Gallatin	26		/3			
Riverside	43		/1	1		
Thorofare	26	12	//10		2	
Sylvan Pass	40	100				
Total	231	138	16	6	2	9

*Includes all territory in vicinity of Game Preservation Ranch east to Crevice.

**Coyote kills.

/Killed by mistake and left.

//Two killed by mistake and left.

°Two illegal kills.

[illegible] will [illegible] is still in [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] The [illegible] [illegible] of [illegible] [illegible] [illegible] [illegible] [illegible]

Deer: About 200 on the Game Preservation Ranch but due to the shooting in that vicinity an accurate count was not obtainable. There are 300 in the Grevice district, and the usual number at Old Faithful and Mammoth. Two deer, a doe and a buck, were unlawfully killed on the ridge west of the Game Preservation Ranch on the 20th. The offenders were not apprehended. Deer conditions noted as very good. Feed troughs were placed along the Mammoth-Gardiner road and in Mammoth for use in feeding the deer and sheep cottonseed cake throughout the winter as an experiment for bettering their condition.

Moose: Five moose were seen on the Gallatin Road near the Madison River, the latter part of the month. Very few were seen in the Snake River district. Several were reported in the Buffalo River country.

Antelope: At the end of the month the antelope are seen in small bands on the large range throughout the Gardiner district, the largest count being 284 between Mammoth and Gardiner during the month of October. 93 were counted on the east side of the Yellowstone River, which is a very unusual occurrence. There are no antelope on the Game Preservation Ranch at the present time due, in all probability, to the heavy bombardment that takes place there every morning. Nine antelope were killed by coyotes along the north line.

Sheep: There are 13 mountain sheep on the bench lands east of Gardiner near the mouth of Bear Creek. Sheep are to be seen along the Mammoth-Gardiner road almost any day, the largest number reported as being farther back in the fastness of Mt. Everts. It is reported that there is one sheep on Cottonwood Creek in the Hellroaring district. Condition of all sheep is noted as very good.

Bear - Grizzly and Black: Practically all the bears have gone into hibernation. The tracks of one black bear were seen in Mammoth on the 21st. Signs were noted of one grizzly at Beaver Lake on the 28th.

Buffalo: The greater portion of the herd is in the Lamar Valley in the vicinity of the Buffalo Ranch and Specimen Ridge. The fall round-up took place November 24 to 27th inclusive. A total of 116 animals were rounded up for disposal as follows:

To W. G. Custer of Missoula, Mont., for slaughter	100
Yearlings shipped to Henry Cowell, Santa Cruz, Cal.	15
Yearling shipped to Glenn A. Peters, Wheeling, W.Va. (Shipped to his ranch at Barnesville, Ohio.)	1

Shipments were made on November 28th by express collect.

Small Animals: A noted increase in the number of muskrats and their houses is observed on the Pelican marshes and streams. Otter are seen at various points on the Lake, and 3 have made their home under the boat dock at the Lake Hotel. There is a colony of six beaver making their home under the east end of Fishing Bridge where they have packed in a large

[illegible]

[illegible]

[illegible]

supply of willows for winter food. Rabbits seem to be very plentiful this year and are seen everywhere. Several otter and one mink were reported seen at Lower Blacktail the latter part of the month.

Predatory Animals: Twenty-two coyotes were destroyed during the month, which makes a total of 31 to date, as compared with 64 for the same period in 1939, and 119 in 1938. One mountain lion track was seen near Canyon the latter part of the month.

Buffalo Ranch and Other Ranch Operations: Routine early winter work has been in progress at the Buffalo and other ranches during the past month, which has consisted principally of feeding buffalo, cleanup work, care of stock and repair and maintenance of equipment.

On November 17 the Park Service horse herd was moved to the Yancey Ranch for the winter months.

480 - Museum Service: The October number of Nature Notes was completed and mailed on the 15th of November. Six days' work was done during the month on photographs, cataloging was kept up-to-date and titles typed. Work on organizing accumulated clippings into permanent form has been carried on. Four books and one bibliography manuscript were added to the library.

The finest collection of historical and Indian relics in the history of the Yellowstone Museum was acquired by purchase from the W. H. Everson collection in Bozeman, Montana. This acquisition was made possible by the generosity of Mr. George Pratt of New York City. Mr. William Rush donated a valuable Indian stone pipe with lead reinforcements, a hide scraper and three old rifles.

Field Naturalist Carl P. Russell left Yellowstone Park on the 19th, going east by way of Rocky Mountain National Park. Park Naturalist Dorr Yeager returned from his annual leave and resumed his duties on November 6th. Junior Park Naturalist Newell F. Joyner and the museum caretaker were on duty during the entire month.

500 - Use of Park Facilities by the Public

510 - Increase or Decrease in Travel

Roads throughout the park were closed by the heavy snows starting November 13. The road between West Yellowstone and Gardiner was later opened up by cars, and there was a small amount of travel over this road during the remainder of the month. The rangers from Lake, after a great deal of difficulty, made their monthly patrol into Mammoth by car on November 29. The following table shows the travel figures for the month:

	Cars	Passengers
North	118	415
West	26	91
East	35	122
South	36	76
Total.....	215	702

[illegible]

[illegible]

[illegible]

This compared with 329 cars with 582 visitors last year. Travel to date consists of 4097 visitors traveling in 1220 cars, as compared with 3501 visitors traveling in 997 cars during the same period in 1939.

530 - General Weather Conditions

521 - In the Park

Snow depths over the park at the different ranger stations at the end of November are noted as follows:

Location	INCHES 1938	1939	1940
Crevice	6	20	13
Canyon	12	16	10
Gallatin	6	9	12
Hellroaring	4	4	8
Lake	9	11	7
Mammoth	8	2	10
Riverside	10	5	13
Snake River	22	8	10
Sylvan Pass	10	6	6
Cooke	12	14	12
Tower Falls	4	13	12
Upper Slough Creek	9	15	10
Old Faithful	10	5	14

Weather Conditions at Mammoth Hot Springs: With a mean temperature of 28.4 the month averaged 2.9 degrees below normal. November is occasionally cooler, but usually warmer, than November, 1930. There was only one day in the month upon which the thermometer failed to drop below the freezing point at some time, the 12th, with a minimum temperature of 35. No other day had a minimum higher than 28. On twelve days the temperature failed to rise as high as 32°. After the 13th no temperature higher than 33° was recorded at any time. The month opened with fine Indian summer weather. During the first 11 days fair weather prevailed and temperatures were comparatively mild. Only a trace of precipitation occurred during this time. A cold wave, preceded by heavy snow, struck in on the 14th and 15th. A minimum temperature of 2° above zero was recorded at midnight, p.m., on the 14th. From the 13th on, minimum temperatures were markedly lower than earlier in the month, the lowest being -4 degrees on the 19th. A snowy period beginning on the 12th ran to the 21st, ending early in the morning on the latter date. Fair, cool weather prevailed the rest of the month.

The total precipitation was 1.11 inches, or 0.17 inch less than normal. Snowfall, however, was heavy. A total snowfall of 21.6 inches was recorded. This amount has been exceeded in four Novembers in the record running back to 1887, the greatest for the month being 37.8 inches in 1896. A fall of 11.2 inches of snow within 24 hours occurred on the 13th and 14th, an amount greater than ever previously recorded in November in any year of record. This remarkable snowfall has been exceeded but a few times here, all months considered. Since 1887 the greatest snowfall in 24 hours was 16.0 inches in January, 1895. On the morning of the 14th the 13.0 inches of snow on the ground was more than the records show as the greatest amount of snow on the ground in any November in previous years. This

[illegible]

[illegible]

[illegible]

[illegible] - [illegible]

[illegible] - [illegible]

[illegible] during [illegible] the [illegible] of the [illegible] [illegible] [illegible]

snow, because of the continuous cool weather, held its bulk remarkably well. At the close of the month the depth of snow on the ground had dropped only to 10.5 inches. The continuance of so heavy a snow cover in November is without precedent in that month.

There were 7 clear days during the month, 10 partly cloudy, and 13 cloudy. The sunshine was 44% of possible. Southwest wind prevailed, the average hourly velocity, 5.6 miles, being lower than ever before recorded in a November. A maximum velocity of 38 miles an hour, from Southwest, occurred on the 12th.

900 - Miscellaneous:

Hospital and Medical Service: Dr. P. L. Gailbard, Resident Physician, submits the following report for the month of November:

Office Visits.....	84
Home Visits.....	35
Total.....	119
Visits of 100 to 300 miles.....	2

Post Office: The Post Office was on a winter basis and nothing unusual to report. Postmaster Lindsley was on annual leave until the 27th of November, the office being in charge of Asst. Postmaster C. C. Marsh in his absence.

Church Services: Services were held in the Lodge Room by Rev. L. B. Smith of Livingston, Mont., November 9, also by Rev. Webster E. Clement of Livingston, Montana, on November 23.

- - - - - - -

The local Civil Service Board held an examination for the position of Junior Stenographer on November 18. One person took the examination.

On the morning of December 1 word was received here of the death of Margaret Pryor, youngest daughter of Mrs. Anna K. Pryor, who operates the Park Curio Shop at Mammoth Hot Springs. Margaret Pryor died in Los Angeles, California, on the night of November 30, at the age of 20 years. Her passing is greatly mourned by her many friends in the Yellowstone.

- - - - - - -

Very truly yours,

Joseph Joffe
Acting Superintendent.

[illegible], because of the continuous cool weather, had the best [illegible] yield. At the close of the month the depth of snow on the ground had dropped only to 10.2 inches. The continuance of so long a snow period in December is entirely unknown in this section.

There were 7 days more than normal, 12 rainy days, and 12 cloudy. The maximum was 60° on 30-31st. Maximum wind velocity was 21 miles. The average hourly velocity, 6.6 miles, being lower than usual. Sunshine was a little over 2 hours. A maximum velocity of 32 miles an hour, from northwest, occurred on the 21st.

900 - [illegible]

[illegible] and [illegible]: Mr. J. L. [illegible], [illegible] Station, submits the following report for the month of December:

Days of Visit..... 24
Hours Visit..... 24
Total..... 119
Visits of 100 or less miles..... 2

[illegible] the [illegible] station was in a [illegible] and [illegible] [illegible] to report. [illegible] [illegible] on a [illegible] [illegible] [illegible] of [illegible], the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] life [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

10-157
(July, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

YELLOWSTONE National Park for the month of NOVEMBER 1930

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
PRIVATE TRANSPORTATION:						
Cars first entry, ...	215	1220	229	997	223	22%
Cars reentry, ...		104		124	-20	16%
Motorcycles, ...		1		0	1	100%
Total motor vehicles, ...	215	1325	229	1121	204	18%
Persons entering via motor vehicles, ...	702	4037	582	3301	736	22%
Persons entering via other private transportation, ...						
Total persons entering via private transportation. . .	702	4037	582	3301		22%
OTHER TRANSPORTATION:						
Persons entering via stages, .						
Persons entering via trains, .						
Persons entering otherwise, . .						
Total other transportation, .						
GRAND TOTAL ALL VISITORS, . . .	702	4037	582	3301		22%

	This Year	Last Year	Increase Number	Increase Percent
Automobiles in public camps during month, ...				
Campers in public camps during month, ...				

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

10-157
(July 1929)

TRAVEL REPORT

National Park for the month of

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
PRIVATE TRANSPORTATION:						
Cars first entry, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cars reentry, ...		104		104	-40	104
Motorcycles, ...		1		0	1	100%
Total motor vehicles, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Persons entering via motor vehicles, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Persons entering via other private transportation . . .						
Total persons entering via private transportation, . .	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
OTHER TRANSPORTATION:						
Persons entering via stages, .						
Persons entering via trains, .						
Persons entering otherwise, .						
Total other transportation, .						
GRAND TOTAL ALL VISITORS. . . .	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]

	This Year	Last Year	Increase Number	Increase Percent
Automobiles in public camps during month, ...				
Campers in public camps during month.				

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

YELLOWSTONE National Park for the Month of NOVEMBER, 1930.

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date Completion
02 - Mammoth-Norris Road	98	3	15	July 1, 1931
95.1 - Madison-Old Faithful	100			Oct. 15, 1930
25.4 - Signs	65	5	40	
25.5 - Post Const. Maint.	40	5	35	July 1, 1931
25.6 - Bear Feeding Grounds	95	0	10	Oct. 20, 1930
25.7 - Lewis River Bridge	99	0	9	
25 - Old Faithful Trails	30	0	12	July 1, 1931
28 - " " Parking	95	0	5	July 1, 1931
29.1 - Artist Point Cleanup	100	0	10	
29.2 - Artist Point Oiling	20	0		
30.1 - Norris-Madison Oil	30	0	0	
30.2 - Norris-Madison Cleanup	95	5	40	Nov. 15, 1930
30.3 - " " Bridge	0	0	0	
32 - E. Ent. Lake Butte Cleanup	99	49	45	" 15, 1930
33 - Canyon-Tower Jct.Cleanup	100	[illegible]	[illegible]	" 15, 1930
36 - Mammoth Water System	30	15	10	July 1, 1931

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

National Park for the Month of _____, 19__.

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date Completion
[illegible] - Lassen-Shasta Road	90	3	18	July 1, 1941
[illegible] - Rattlesnake Reservoir	100			Oct. 15, 1940
[illegible] - Dams	80	5	40	
[illegible] - Fish Ponds, Total.	45	4	25	July 1, 1941
[illegible] - Deer Feeding Grounds	90	1	10	Nov. 30, 1940
[illegible] - Jackson River Bridge	85	0	0	
[illegible] - Elk Fencing Trails	80	0	18	July 1, 1941
[illegible] - " " Jackson	90	0	2	July 1, 1941
[illegible] - Roads or Fence Clearing	100	0	10	
[illegible] - Jackson Park Bridge	80	0		
[illegible] - Storm-damage etc	45	0	0	
[illegible] - Trail-building Clearing	95	0	40	Nov. 30, 1940
[illegible] - " " Bridge	0	0	0	
[illegible] - [illegible] Park Clearing	99	40	45	" 30, 1940
[illegible] - Dredge-Dam Pit Clearing	100	0	0	" 30, 1940
[illegible] - Sequoia Water System	90	10	15	July 1, 1940

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

YELLOWSTONE National Park for the month of NOVEMBER, 1930.

	This Month	This Month Last Year
Number of employees beginning of month,	77	77
Number of additions, ...	0	0
Total, ...	77	77
Number of separations, ...	4	1
Number of employees close of month, . .	73	76
Number of promotions during month	0	0
Aggregate amount of annual leave taken,	245 1/2	162
Aggregate amount of sick leave taken,	16	30
Aggregate amount of leave without pay,	0	30

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

[redacted] National Park for the month of [redacted], 19[redacted].

	This Month	This Month Last Year
Number of employees beginning of month,	[redacted]	[redacted]
Number of additions, ...	[redacted]	[redacted]
Total, ...	[redacted]	[redacted]
Number of separations, ...	[redacted]	[redacted]
Number of employees close of month, . .	[redacted]	[redacted]
Number of promotions during month	[redacted]	[redacted]
Aggregate amount of annual leave taken,	[redacted]	[redacted]
Aggregate amount of sick leave taken,	[redacted]	[redacted]
Aggregate amount of leave without pay,	[redacted]	[redacted]

10-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

YELLOWSTONE National Park for the Month of NOVEMBER, 1930.

	This Year	Last Year
Park revenue on hand beginning of month,	None	None
Received,	14,864.83	5,502.08
Total,	14,864.83	5,502.08
Remitted,	14,864.83	5,502.08
On hand close of month,	None	None

Park revenues received this year to date,	$ 171,634.53
Park revenues received last year to date,	175,705.63
~~Decrease~~ Increase,	4,701.10
~~decrease~~ Per cent of increase,	2

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

[illegible], 1940.

[illegible] National Park for the Month of [illegible]

	This Year	Last Year
Park revenue on hand beginning of month,	[illegible]	[illegible]
Received,	[illegible]	[illegible]
Total,	[illegible]	[illegible]
Remitted,	[illegible]	[illegible]
On hand close of month,	[illegible]	[illegible]

Park revenues received this year to date,	[illegible]
Park revenues received last year to date,	[illegible]
Increase,	[illegible]
Per cent of increase,	[illegible]

10-162

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

YELLOWSTONE National Park for the Month of NOVEMBER, 1930.

	This Month	This Month Last Year	Increase	Percent Increase
LOCAL BUSINESS				
Miles of circuit maintained	528	528	0	0
No. of telephones connected	173	160	13	.081
No. of measured service calls				
No. of other local calls				
Total No. of local calls	5810	5453	357	6
Peak load in calls per day	298	380	-82	21
Receipts from measured service calls				
Receipts from coin boxes				
Receipts from telephone rental				
TOTAL RECEIPTS				
LONG DISTANCE BUSINESS				
No. Outbound calls	92	68	24	3
No. Inbound calls	98	64	34	5
TOTAL LONG DISTANCE CALLS				
Peak load in calls per day	10	11	-1	.09
Receipts from Long Distance business				
TELEGRAPH BUSINESS				
Messages via Western Union				
Messages via				
TOTAL MESSAGES				
Receipts from telegraph business				
No. of money transfer messages				
No. of money transfer receipts				
TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPT-				

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

Rocky Mountain National Park for the Month of [illegible], 1940.

	This Month	This Month Last Year	Increase	Decrease
LOCAL BUSINESS				
Number of circuit maintained	[illegible]	[illegible]	0	0
Number of telephones connected	[illegible]	[illegible]	[illegible]	[illegible]
Number of completed service calls				
Number of other local calls				
Total No. of local calls	[illegible]	[illegible]	[illegible]	0
Average time in calls per day	[illegible]	[illegible]	[illegible]	[illegible]
Receipts from completed service calls				
Receipts from coin boxes				
Receipts from telephone rental				
TOTAL RECEIPTS				
LONG DISTANCE BUSINESS				
Incoming calls	[illegible]	[illegible]	[illegible]	0
Outgoing calls	[illegible]	[illegible]	[illegible]	0
TOTAL LONG DISTANCE CALLS				
Average time in calls per day	[illegible]	[illegible]	[illegible]	[illegible]
Receipts from long distance business				
TELEGRAPH BUSINESS				
Messages via Estes Park				
Messages via				
TOTAL MESSAGES				
Receipts from telegraph business				
Expense of home operator				
Expense of home operator equipment				
TOTAL COMMERCIAL TELEPHONE & TELEGRAPH DEPT.				

10-163

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

YELLOWSTONE National Park for the Month of NOVEMBER 1930

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
Current generated, ...	59510.0	371532.0	61300.0	351670.0	19862.0	5
Sold to park operators, . . .	1078.3	58674.8	538.8	62277.1	-3602.3	5
Sold to others, ...						
Furnished to other Governmental agencies, ...						
Used by National Park Service, lost in transit, etc., . . .	58431.7	312857.2	60761.2	289392.9	23464.3	8
Total current generated, . .	59510.0	371532.0	61300.0	351670.0	19862.0	5

Amount receivable from the sale of electricity, ... $ 53.91

* Indicated by K. W. H.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

[illegible] Park for the Month of [illegible]

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
[illegible]urrent generated, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]old to park operators, . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]old to others, ...						
[illegible]rnished to other Governmental agencies, ...						
[illegible]ed by National Park Service, [illegible]sed in transit, etc., . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total current generated, . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]ount receivable from the sale of electricity, ... $ [illegible]

Indicated by K. W. H.

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming.

CIRCULAR NO. 12

Effective immediately, and until further notice, the market wagon will make trips to Gardiner on Monday afternoon, Wednesday afternoon and Saturday morning.

It is essential that all Mammoth residents have their orders in with the stores in Gardiner so as to cause the least possible delay to the driver of the market wagon.

Joseph Joffe,
Acting Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

YELLOWSTONE RANGER NEWS BULLETIN

November, 1930 Vol. 1 No. 1-

Roger W. Toll, Superintendent George F. Baggley, Chief Ranger

---

It is felt that some method of disseminating general news of the Ranger Department, and other news of the Park especially for the Park Rangers, is needed. This bulletin is purely an experiment with that end in view. For the present, definite dates for its publication will not be set, but when subject matter is on hand and time permits it will be issued. It will not encroach on the "Nature Notes from Yellowstone", nor will anything be published here that properly belongs in the Nature Notes.

We hope you like it. May we have your comments and suggestions for improvements in future issues? Your interest and cooperation in sending in to this office any items of interest to the Ranger Organization in general will be appreciated.

* * * * * * * * * * * * *

The new form now in use for rangers' monthly reports has proven very satisfactory. We are getting some splendid monthly and annual reports which indicate interest and real work in preparing them.

* * * * * * * * * * * * *

The fire protection program for Yellowstone calls for three primary lookouts. One was completed this year on Mt. Sheridan. We expect to build another one next year on Mt. Holmes. The third will be built on the east side of the park, completing the triangulation system.

* * * * * * * * * * * * *

The type map survey which we got under way last spring has progressed very well. Most of that section south of the Madison River and west of the Bechler River to the south boundary will be finished this year. The crew started to work June 1 and finished November 1.

In gathering data for a type map of the park many problems confronted us which had to be solved. The absence of any previous surveys to tie to was the most difficult. Enough data was obtained to show all forest types, open land, ages, classes, forest insects and tree diseases. The finished product will be a map showing all these facts at a glance. Its value will be immeasurable.

* * * * * * * * * * * *

When the drought hit the Buffalo Ranch and burned up our hay crop a contract was let for the cutting of 150 tons of hay on Pelican Meadows and delivering it to the Buffalo Ranch at a cost of $15.00 per ton. The average annual hay crop on the Buffalo Ranch over a period of years has been 588 tons per year. With the present herd of 1200 buffalo, about 800 tons of hay are required per year to properly feed them. We have purchased in all, 200 tons of hay and 40 tons of cottonseed cake to use at the Buffalo Ranch this winter.

A new Farmall Tractor was purchased for the Buffalo Ranch and 122 acres were plowed for reseeding next spring.

W. S. Custer of Missoula, was the successful bidder for the 100 surplus buffalo to be slaughtered at the ranch this year, at a price of $38.00 per head. As most of the animals selected for slaughter are bulls and other old stock, this is considered a fair price. We also expect to ship some live buffalo to zoos and parks throughout the country.

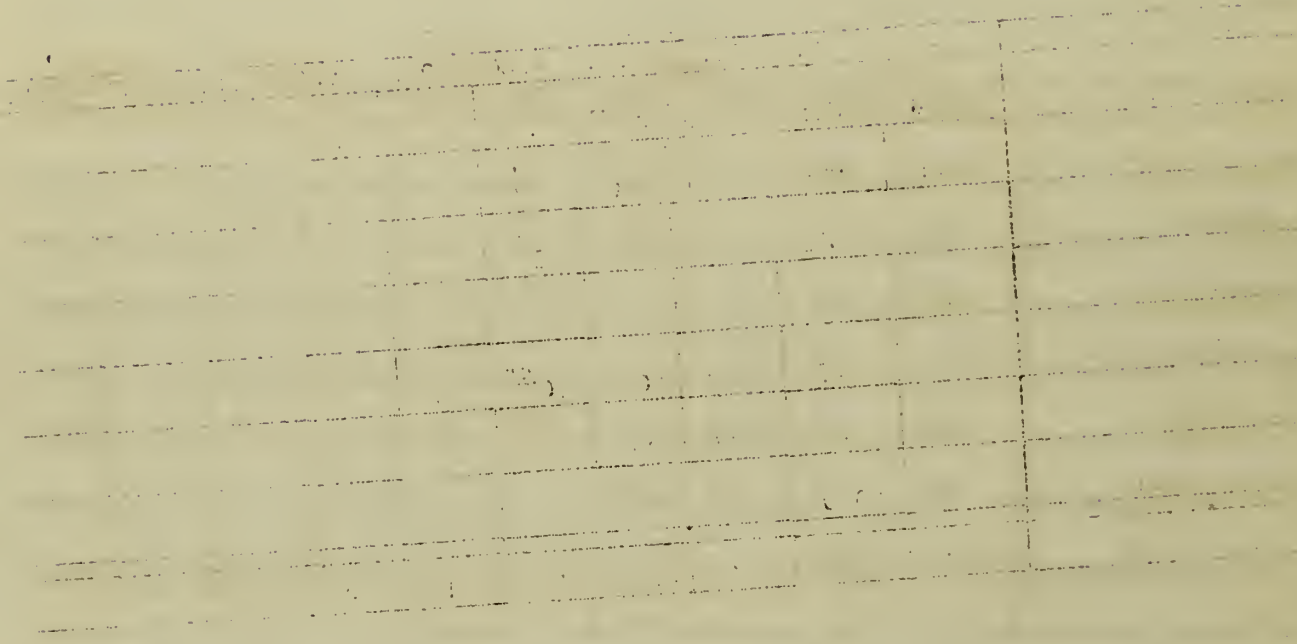
* * * * * * * * * * * * *

During the latter part of September nine bears were shipped to various parks. Three grizzlies went to the Liberty Park Zoo at Salt Lake City; two went to the San Diego Zoo, San Diego, California; one was shipped to the W. R. Hearst Zoological Gardens at San Simeon, California; one to the Columbus Zoo at Columbus, Ohio; and two brown bears were sent to the Washington Park Zoo at Michigan City, Indiana. The Washington Park Zoo also wants two grizzlies whenever we can capture them, which will probably be in the spring.

* * * * * * * * * * * * *

Nine coyotes were killed during the month of October, as compared with 22 last year and 81 in 1928.

* * * * * * * * * * * * *



DIETER
BINDS
BETTER
DENVER COLO